

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	10/706381	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 17:13
L2	5960	((360/119) or (360/122) or (360/123) or (360/124) or (360/125) or (360/126) or (360/127) or (360/128) or (360/130.1) or (360/130.2) or (360/130.21)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L3	1320	L2 and recess\$2 and magnet\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L4	552	L3 and (ABS or (air near2 bear\$3 near2 surface))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L5	5616	L2 and magnet\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L6	9327	(magnet\$2 near2 material) with gap	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L7	1285	recess\$2 with (ABS or (air near2 bear\$3 near2 surface))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L8	305	L2 and L7	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L9	111	L6 and L8	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L10	279	recess\$2 with (ABS or (air near2 bear\$3 near2 surface))	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 17:13
L11	3692	(magnet\$2 near2 material) with gap	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 17:13
L12	7	L10 and L11	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 17:13

## EAST Search History

L13	5960	((360/119) or (360/122) or (360/123) or (360/124) or (360/125) or (360/126) or (360/127) or (360/128) or (360/130.1) or (360/130.2) or (360/130.21)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L14	316	L13 and (pedestal or ledge)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/05 17:13
L15	248	L14 and (ABS or (air near2 bear\$3 near2 surface))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L16	5960	((360/119) or (360/122) or (360/123) or (360/124) or (360/125) or (360/126) or (360/127) or (360/128) or (360/130.1) or (360/130.2) or (360/130.21)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L17	75	L16 and ((first adj pole adj layer) and (second adj pole adj layer) )	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/05 17:13
L18	34	L16 and ((first adj pole adj layer) and (second adj shield adj layer) )	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/05 17:13
L19	12432	track adj width	US-PGPUB; USPAT	OR	ON	2007/03/05 17:13
L20	5960	((360/119) or (360/122) or (360/123) or (360/124) or (360/125) or (360/126) or (360/127) or (360/128) or (360/130.1) or (360/130.2) or (360/130.21)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L21	1873	L20 and L19	US-PGPUB; USPAT	OR	ON	2007/03/05 17:13
L22	984	L21 and (ABS or (air near2 bear\$3 near2 surface))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L23	2	L22 and (pedastal or ledge)	US-PGPUB; USPAT	OR	ON	2007/03/05 17:13
L24	324	L22 and micron\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L25	1571	L20 and (ABS or (air near2 bear\$3 near2 surface))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L26	126	L25 and ((track adj width) same micron\$1)".	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13

## EAST Search History

L27	126	L25 and ((track adj width) same micron\$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L28	490	L25 and ((track adj width) same (micron\$1 or "mu.m"))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L29	238	L25 and (((pole near2 magnetic) and (track adj width)) same (micron\$1 or "mu.m"))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L30	129	L25 and (((((pole near2 magnetic) same (width and thickness)) and (track adj width)) same (micron\$1 or "mu.m"))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L31	5960	((360/119) or (360/122) or (360/123) or (360/124) or (360/125) or (360/126) or (360/127) or (360/128) or (360/130.1) or (360/130.2) or (360/130.21)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L32	1571	L31 and (ABS or (air near2 bear\$3 near2 surface))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L33	1	L32 and (((((pole near2 magnetic) same (width and thickness)) and (track adj width))and (pedestal near4 (micron\$1 or "mu.m"))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L34	31	L32 and (thick\$4 with pedestal with (micron\$1 or "mu.m"))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L35	17	L32 and (thick\$4 same (pedestal near4 (micron\$1 or "mu.m"))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L36	31	L32 and (thick\$4 with pedestal with (micron\$1 or "mu.m"))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 17:13
L37	115	360/235.6.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 17:13
L38	583	head and (pole same ledge)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 17:13

## EAST Search History

L39	6	("5909340" or "6433965" or "7023658").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 17:13
L40	1328	(track adj width) same (magnetic adj pole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 17:13
L41	618	(track adj width) near5 (magnetic adj pole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 17:13
L42	56	(track adj width) near5 ((lower adj magnetic adj pole) and (upper adj magnetic adj pole))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 17:13
L43	2	("7023658").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/05 17:13
L44	21	("5459099"   "5559654"   "5621596"   "5793578"   "5805391"   "5850326"   "5890278"   "6043960"   "6054023"   "6111724"   "6172848"   "6190764"   "6317289"   "6329211"   "6330127"   "6337783"   "6339524"   "6483664"   "6521335"   "6583954"   "6829819").PN. OR ("7023658").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/05 17:13
L45	540	(pole near2 tip) same (protru\$4 or protuberance)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/05 17:13
L46	225	L45 and (magnetic adj head)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/05 17:13

## EAST Search History

L47	315	(pole near2 tip) near10 (protru\$4 or protuberance)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/05 17:13
L48	159	L47 and (magnetic adj head)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/05 17:13
L49	21	("5850326").URPN.	USPAT	OR	ON	2007/03/05 17:13
L50	9	backgap near5 coupled near5 pole	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/05 17:13
L51	5	("6353511" "5878481" "5843521" "5802700" "5652687").pn.	US-PGPUB; USPAT	OR	ON	2007/03/05 17:13
L52	29694	L1 L2 L3 L4 L5 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15 L16 L17 L18 L19 L20 L21 L22 L23 L24 L25 L26 L27 L28 L29 L30 L31 L32 L33 L34 L35 L36 L37 L38 L39 L40 L41 L42 L43 L44 L45 L46 L47 L48 L49 L50 L51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 17:13